WHAT IS CLAIMED IS:

Subpi

 A reduced image forming apparatus comprising: extracting means for extracting a plurality of partial images from an original image;

generating means for combining the plurality of partial images extracted by said extracting means and generating a combined image smaller than said original image; and

indicating means for indicating the combined image generated by said generating means.

2. An apparatus according to claim 1, wherein said extracting means has:

dividing means for dividing said original image into a plurality of image blocks; and

obtaining means for obtaining the partial image from each of said plurality of image blocks.

- 3. An apparatus according to claim 2, wherein said dividing means divides said original image into a plurality of uniform image blocks.
- 4. An apparatus according to claim 2, wherein said obtaining means divides said image block into a plurality of partial images, and obtains the partial image at a same position

Zin each image block.

- 5. An apparatus according to claim 2, wherein said obtaining means divides said image block into a plurality of uniform partial images, and obtains the partial image at a position set for each image block.
- 6. An apparatus according to claim 1, wherein said generating means decreases an image resolution within a range in which a character can be visually recognized as a character on said indicating means, and generates a combined image smaller than said original image.
- 7. An apparatus according to claim 1, wherein said extracting means further has application data extracting means for reading application data and extracting said application data.
- 8. An apparatus according to claim 7, wherein said application data is data which is formed in an application.
- 9. A reduced image forming method comprising:
 an extracting step of extracting a plurality of partial
 images from an original image;
 - a generating step of combining the plurality of partial

rimages extracted by said extracting step and generating a combined image smaller than said original image; and

an indicating step of indicating the combined image generated by said generating step.

10. A method according to claim 9, wherein said extracting step has:

a dividing step of dividing said original image into a plurality of image blocks; and

an obtaining step of obtaining the partial image from each of said plurality of image blocks.

- 11. A method according to claim 10, wherein said dividing step divides said original image into a plurality of uniform image blocks.
- 12. A method according to claim 10, wherein said obtaining step divides said image block into a plurality of partial images, and obtains the partial image at a same position in each image block.
- 13. A method according to claim 10, wherein said obtaining step divides said image block into a plurality of uniform partial images, and obtains the partial image at a position set for each image block.

14. A method according to claim 9, wherein said generating step decreases an image resolution within a range in which a character can be visually recognized as a character on said indicating step, and generates a combined image smaller than said original image.

- 15. A method according to claim 9, wherein said extracting step further has application data extracting step of reading application data and extracting said application data.
- 16. A method according to claim 15, wherein said application data is data which is formed in an application.
- 17. A storage medium storing a control program for making a computer form a reduced image based on an original image, wherein said control program comprises the codes for:

an extracting step of extracting a plurality of partial images from an original image;

a generating step of combining the plurality of partial images extracted by said extracting step and generating a combined image smaller than said original image; and

an indicating step of indicating the generated combined image generated by said generating step.

18. A medium according to claim 17, wherein said extracting step has the codes for:

a dividing step of dividing said original image into a plurality of image blocks; and

an obtaining step of obtaining the partial image from each of said plurality of image blocks.

- 19. A medium according to claim 18, wherein said dividing step divides said original image into a plurality of uniform image blocks.
- 20. A medium according to claim 18, wherein said obtaining step divides said image block into a plurality of partial images, and obtains the partial image at a same position in each image block.
 - 21. A medium according to claim 18, wherein said obtaining step divides said image block into a plurality of uniform partial images, and obtains the partial image at a position set for each image block.
 - 22. A medium according to claim 17, wherein said generating step decreases an image resolution within a range in which a character can be visually recognized as a character on said indicating step, and generates a combined image smaller than

said original image.

- 23. A medium according to claim 17, wherein said extracting step further has application data extracting step of reading application data and extracting said application data.
- 24. A medium according to claim 23, wherein said application data is data which is formed in an application.
- 25. A reduced image forming apparatus comprising:

 converting means for converting an original image into a character train;

extracting means for extracting a partial character train from the character train converted by said converting means;

generating means for combining a plurality of partial character trains extracted by said extracting means, converting the combined partial character trains into an image, and generating a combined image smaller than said original image; and

indicating means for indicating the combined image generated by said generating means.

26. An apparatus according to claim 25, wherein said converting means has:

character train recognizing means for recognizing a

character train; and

replacing means for replacing a two or more sequent spaces recognized by said recognizing means or a carriage return line feed control code and a plurality of spaces subsequent thereto with one space.

27. An apparatus according to claim 25, wherein said extracting means has:

dividing means for dividing the character train replaced by said replacing means into a plurality of character train blocks; and

obtaining means for obtaining the partial character train from each of said plurality of character train blocks.

- 28. An apparatus according to claim 27, wherein said dividing means divides the character train replaced by said replacing means into a plurality of uniform character train blocks.
- 29. An apparatus according to claim 27, wherein said obtaining means divides said character train block into a plurality of partial character trains, and obtains the partial character train at a same position in each character train block.
 - 30. An apparatus according to claim 27, wherein said

obtaining means divides said character train block into a plurality of uniform partial character trains, and obtains the partial character train at a position set for each character train block.

- 31. An apparatus according to claim 25, wherein said generating means decreases an image resolution within a range in which a character can be visually recognized as a character on said indicating means, and generates a combined image smaller than said original image.
- 32. An apparatus according to claim 25, wherein said extracting means further has application data extracting means for reading application data and extracting the character train included in said application data.
- 33. An apparatus according to claim 32, wherein said application data is data which is formed in an application.
- 34. A reduced image forming method comprising:

 a converting step of converting an original image into a character train;

an extracting step of extracting a partial character train from the character train converted by said converting step;

a generating step of combining a plurality of partial

Tcharacter trains extracted by said extracting step, converting the combined partial character trains into an image, and generating a combined image smaller than said original image; and

an indicating step of indicating the combined image generated by said generating step.

35. A method according to claim 34, wherein said converting step has:

a character train recognizing step of recognizing a character train; and

a replacing step of replacing a two or more sequent spaces recognized by said recognizing step or a carriage return line feed control code and a plurality of spaces subsequent thereto with one space.

36. A method according to claim 34, wherein said extracting step has:

a dividing step of dividing the character train replaced by said replacing step into a plurality of character train blocks; and

an obtaining step of obtaining the partial character train from each of said plurality of character train blocks.

37. A method according to claim 36, wherein said dividing

step divides the character train replaced by said replacing step into a plurality of uniform character train blocks.

- 38. A method according to claim 36 wherein said obtaining step divides said character train block into a plurality of partial character trains, and obtains the partial character train at a same position in each character train block.
- 39. A method according to claim 36, wherein said obtaining step divides said character train block into a plurality of uniform partial character trains, and obtains the partial character train at a position set for each character train block.
- 40. A method according to claim 34, wherein said generating step decreases an image resolution within a range in which a character can be visually recognized as a character on said indicating step, and generates a combined image smaller than said original image.
- 41. A method according to claim 34, wherein said extracting step further has application data extracting step of reading application data and extracting the character train included in said application data.
 - 42. A method/according to claim 41, wherein said

application data is data which is formed in an application.

43. A storage medium comprising the codes for:

a converting step of converting an original image into a character train;

an extracting step of extracting a partial character train from the character train converted by said converting step;

a generating step of combining a plurality of partial character trains extracted by said extracting step, converting the combined partial character trains into an image, and generating a combined image smaller than said original image; and

an indicating step of indicating the combined image generated by said generating step.

- 44. A medium according to claim 43, wherein said converting step has a character train recognizing step of recognizing a character train.
- 45. A medium according to claim 43, wherein converting step has a code for a replacing step of replacing a two or more sequent spaces recognized by said recognizing step or a carriage return line feed control code and a plurality of spaces subsequent thereto with one space.

46. A medium according to claim #3, wherein said extracting step has the codes for:

a dividing step of dividing the character train replaced by said replacing step into a plurality of character train blocks; and

an obtaining step of obtaining the partial character train from each of said plurality of character train blocks.

- 47. A medium according to claim 46, wherein said dividing step divides the character train replaced by said replacing step into a plurality of uniform character train blocks.
- 48. A medium according to claim 46, wherein said obtaining step divides said character train block into a plurality of partial character trains, and obtains the partial character train at a same position in each character train block.
- 49. A medium according to claim 46, wherein said obtaining step divides said character train block into a plurality of uniform partial character trains, and obtains the partial character train at a position set for each character train block.
- 50. A medium according to claim 43, wherein said generating step decreases an image resolution within a range in which a character can be visually recognized as a character on

said indicating step, and generates a combined image smaller than said original image.

- 51. A medium according to claim 43, wherein said extracting step further has application data extracting step of reading application data and extracting the character train included in said application data.
- 52. A medium/according to claim 51, wherein said application data is data which is formed in an application.